

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,221,545 B2
APPLICATION NO. : 10/781232
DATED : May 22, 2007
INVENTOR(S) : Hardayal S. Gill

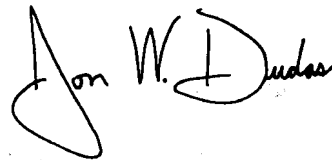
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 9, line 49 change "farthest front" to --farthest from--;
Col. 10, line 16 change "pint ed layer" to --pinned layer--;
Col. 10, line 67 change "CoPe" to --CoFe--;
Col. 11, line 14 change "parts of" to --part of--.

Signed and Sealed this

Third Day of July, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office